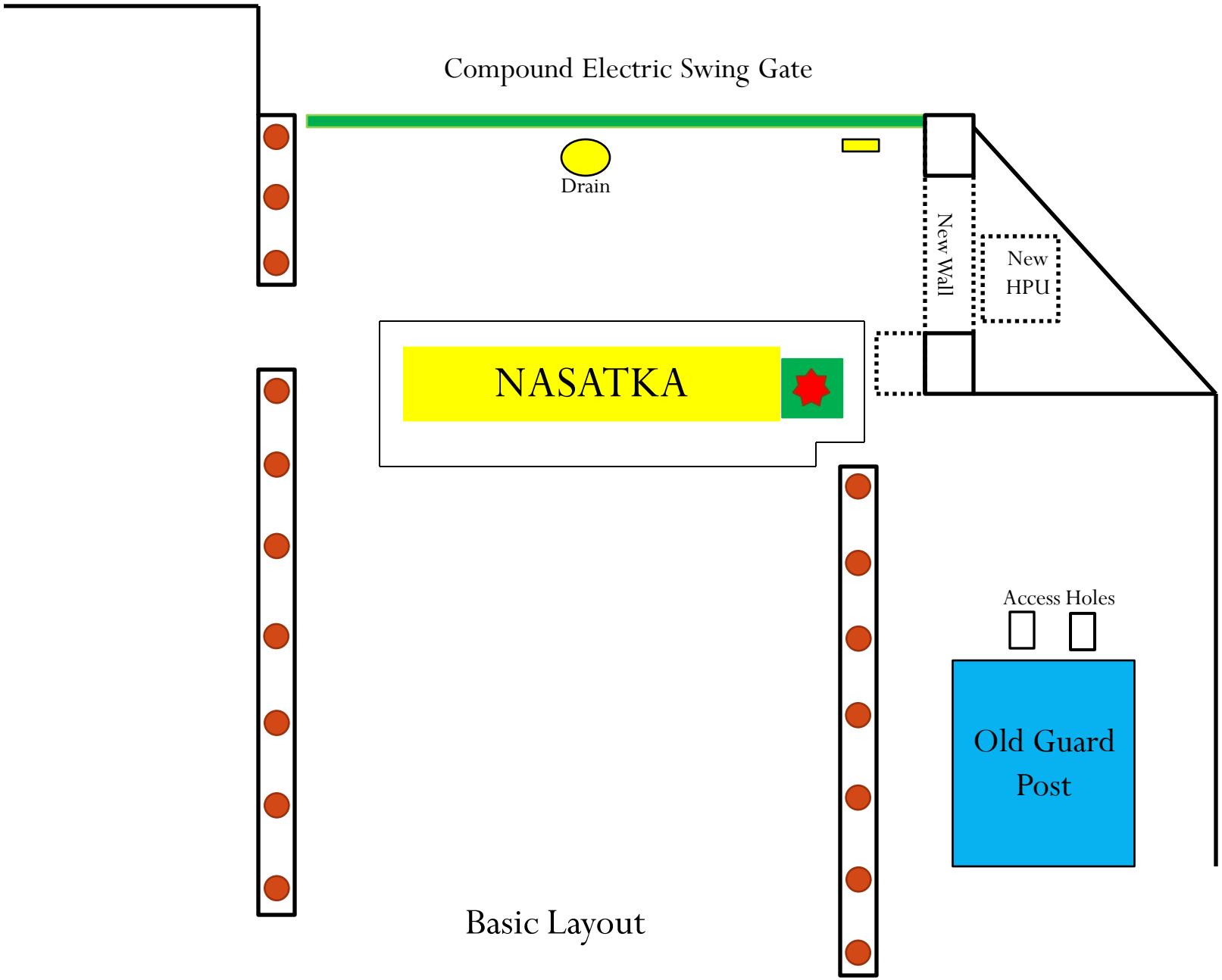
Entrance, Front Side Gate

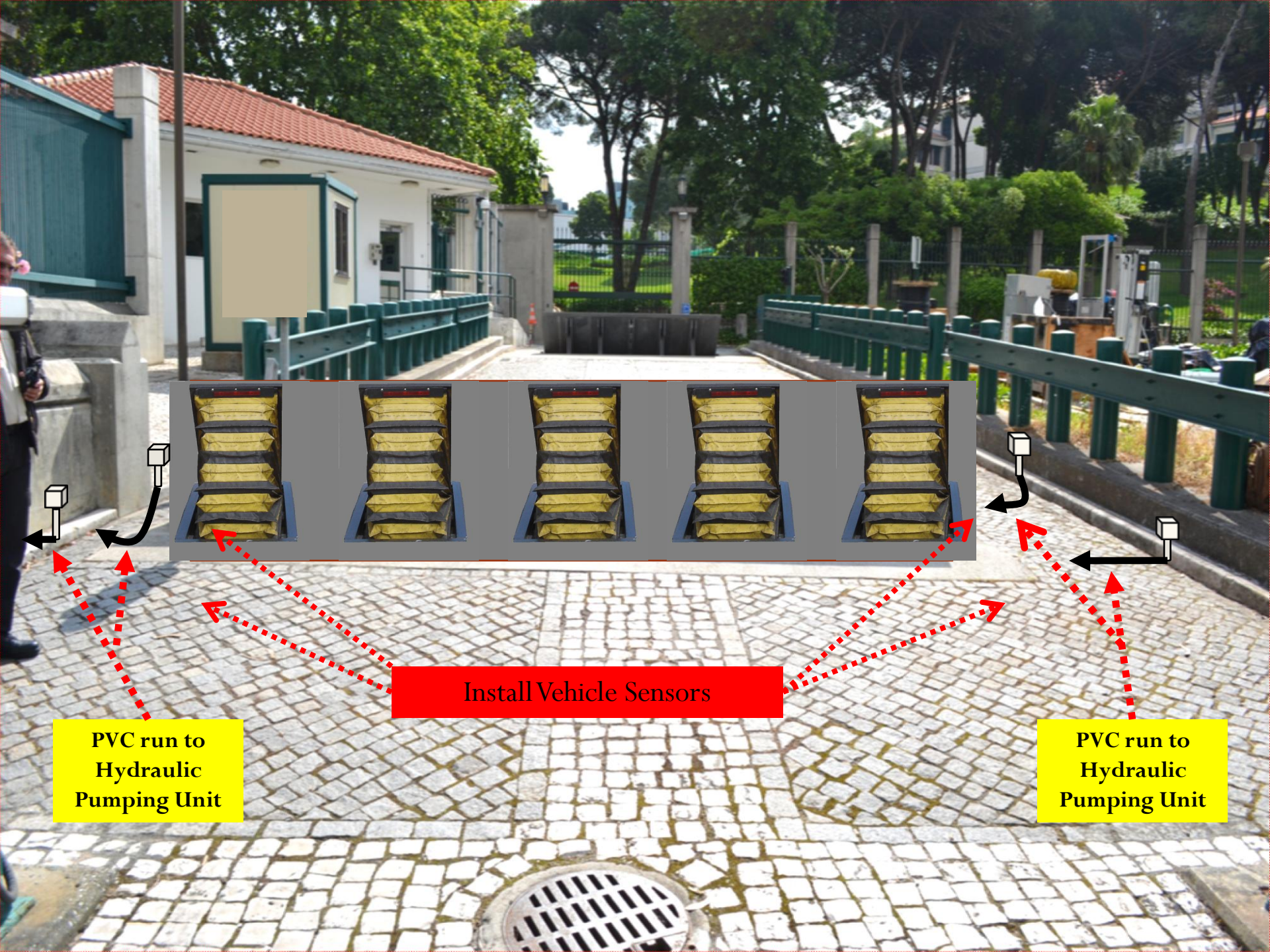


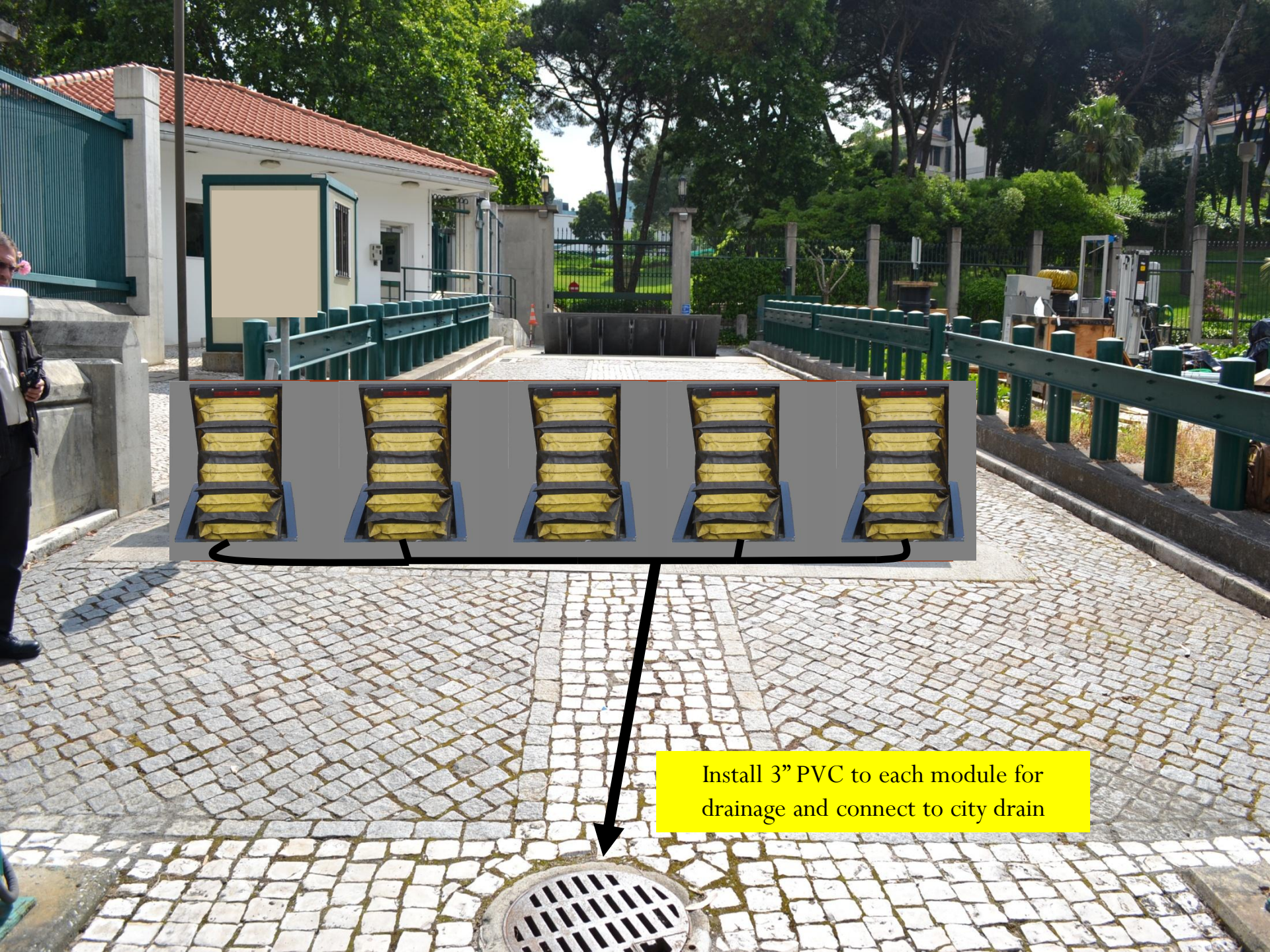
Basic Layout


STOP
Remove Existing Barrier System
Remove cobblestone and replace per final excavation and installation requirements


STOP
Power and Control from
CAC SIC Room

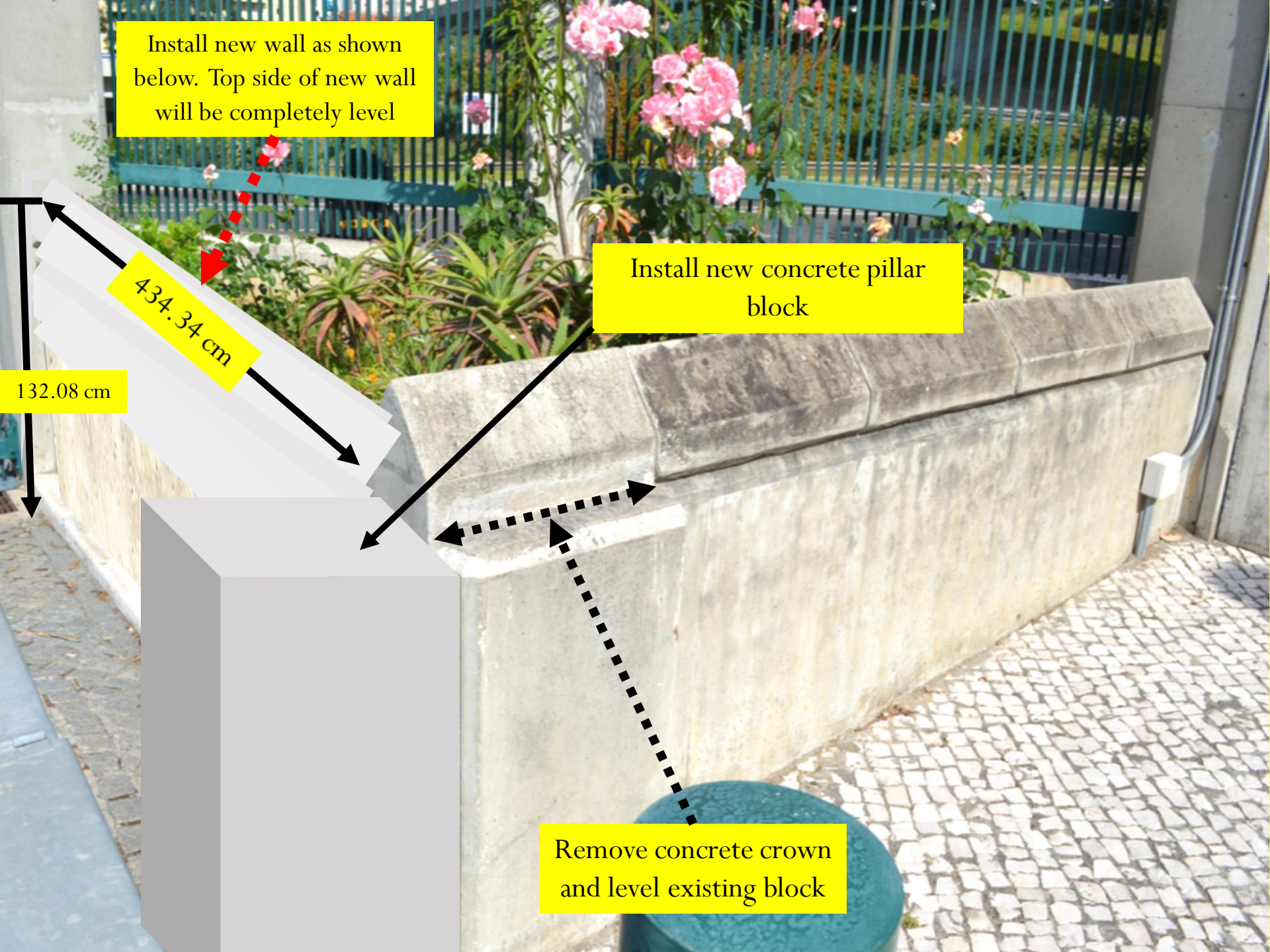

Install new DSC2000-5 Barrier System
PVC/Pressure lines
PVC/Limit switch

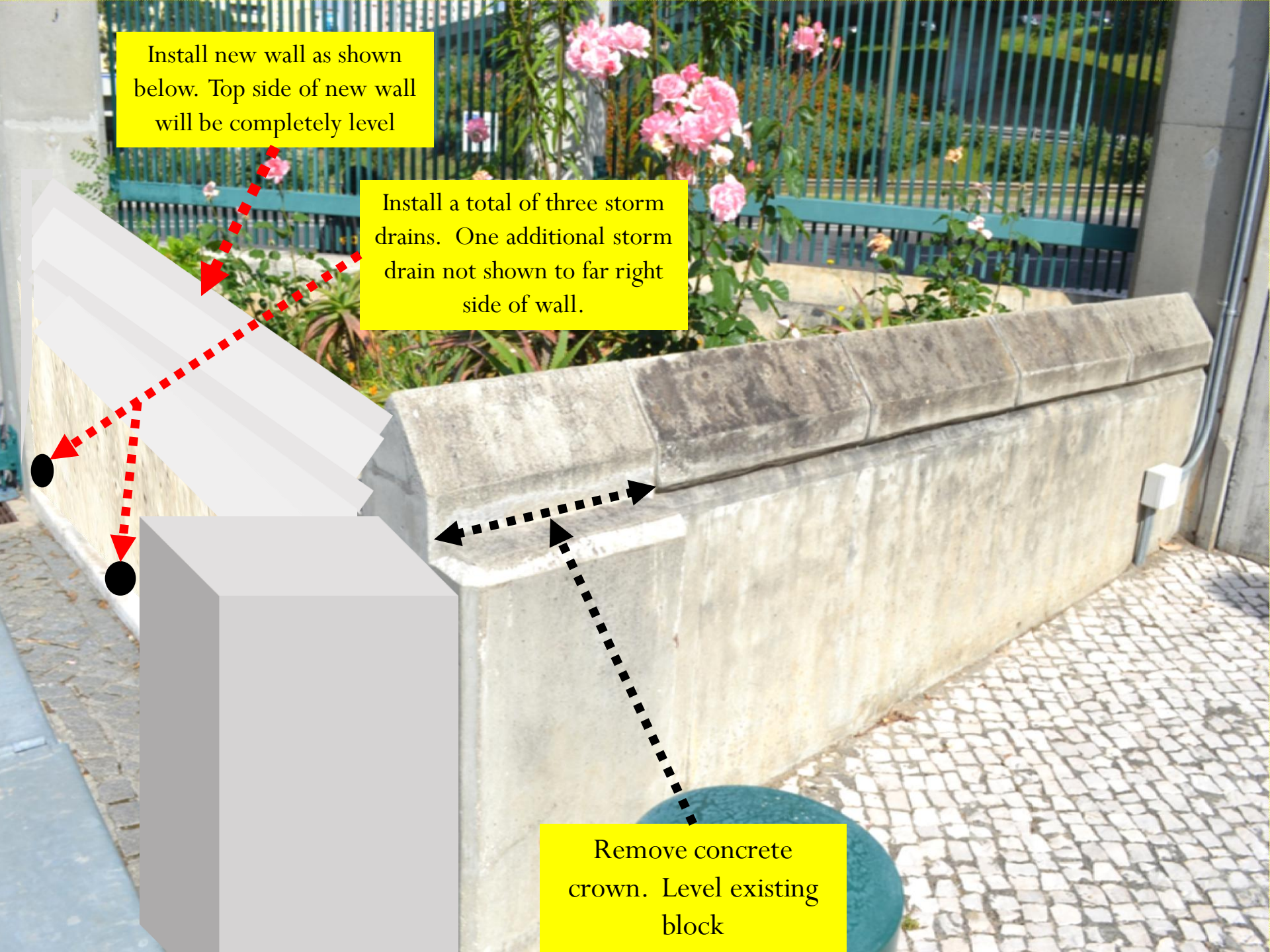

Install Vehicle Sensors
PVC run to Hydraulic Pumping Unit
PVC run to Hydraulic Pumping Unit

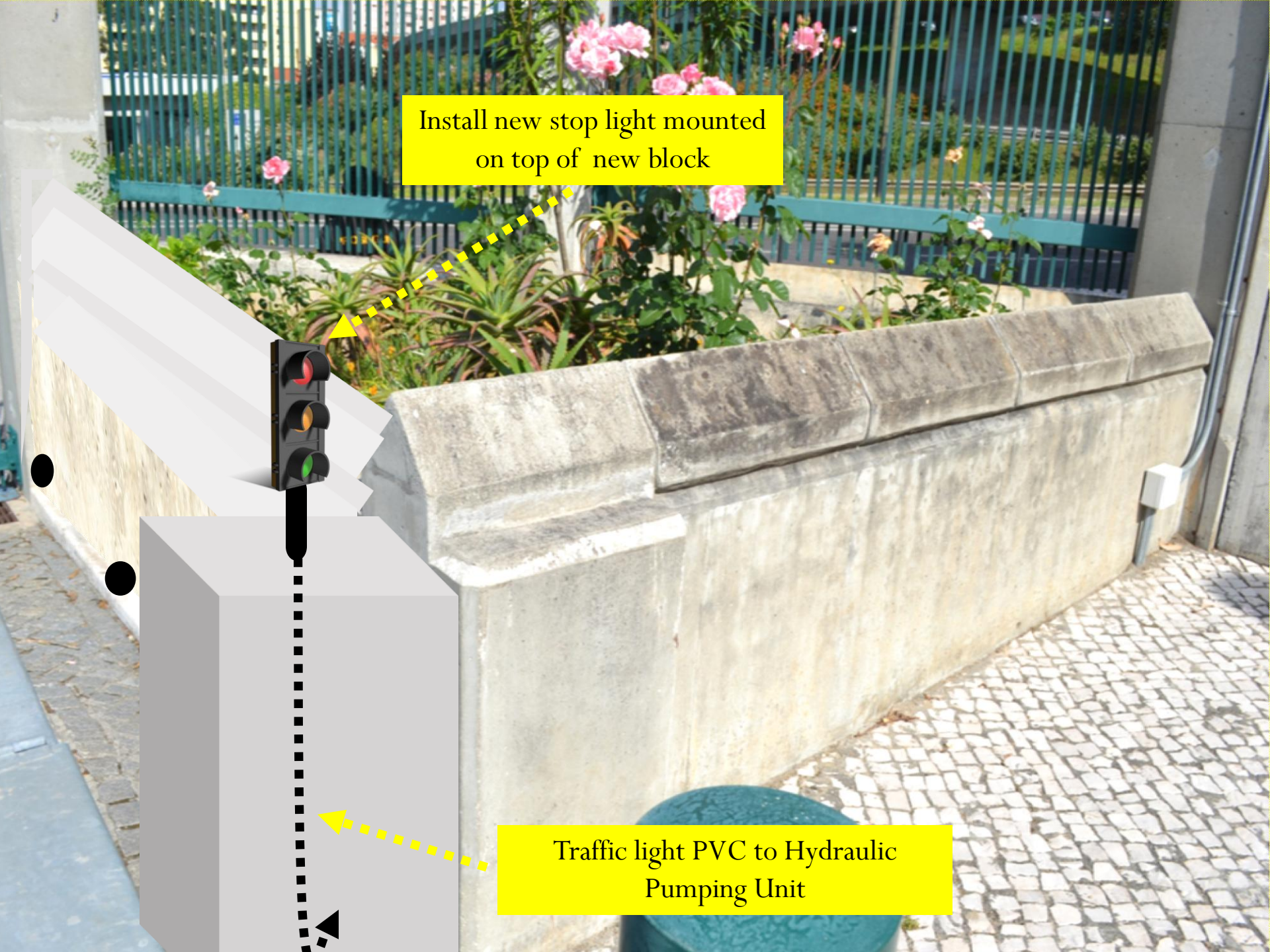

Install 3” PVC to each module for drainage and connect to city drain

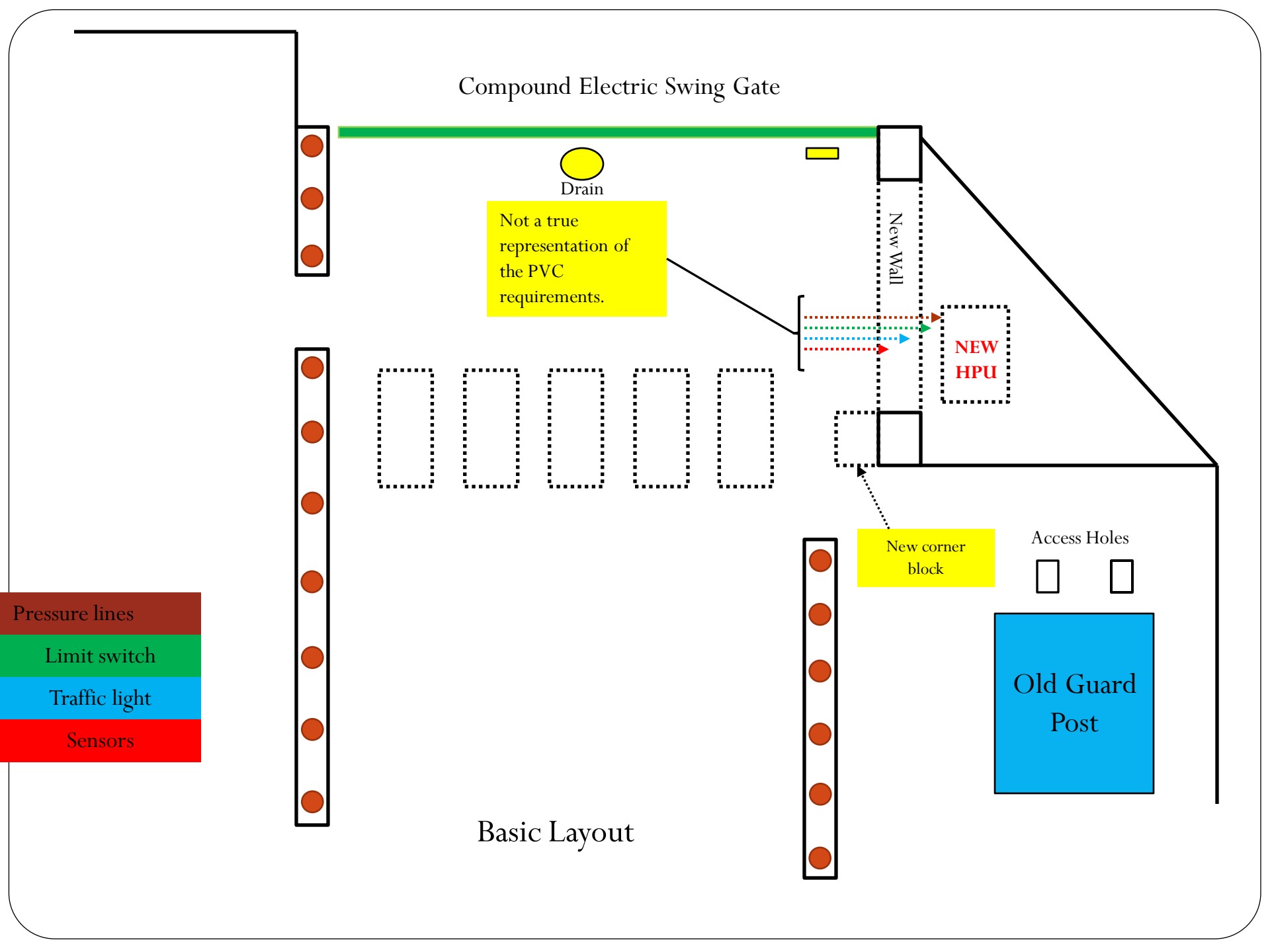

Remove wall
Remove Flower Bed and install cobblestone surface
4.34 meters

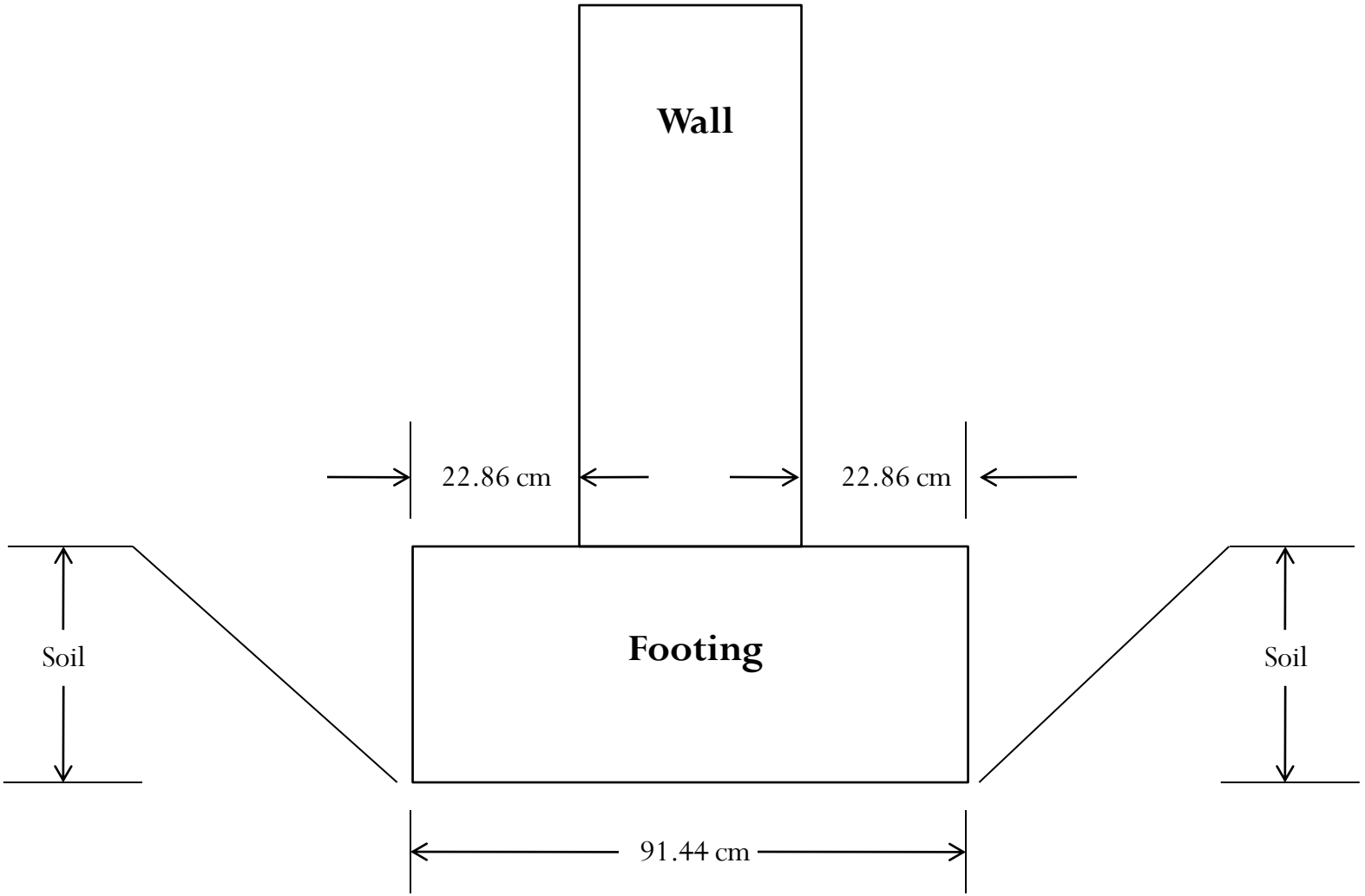

304.8 cm
Cut and remove the wall as outlined
242.57 cm

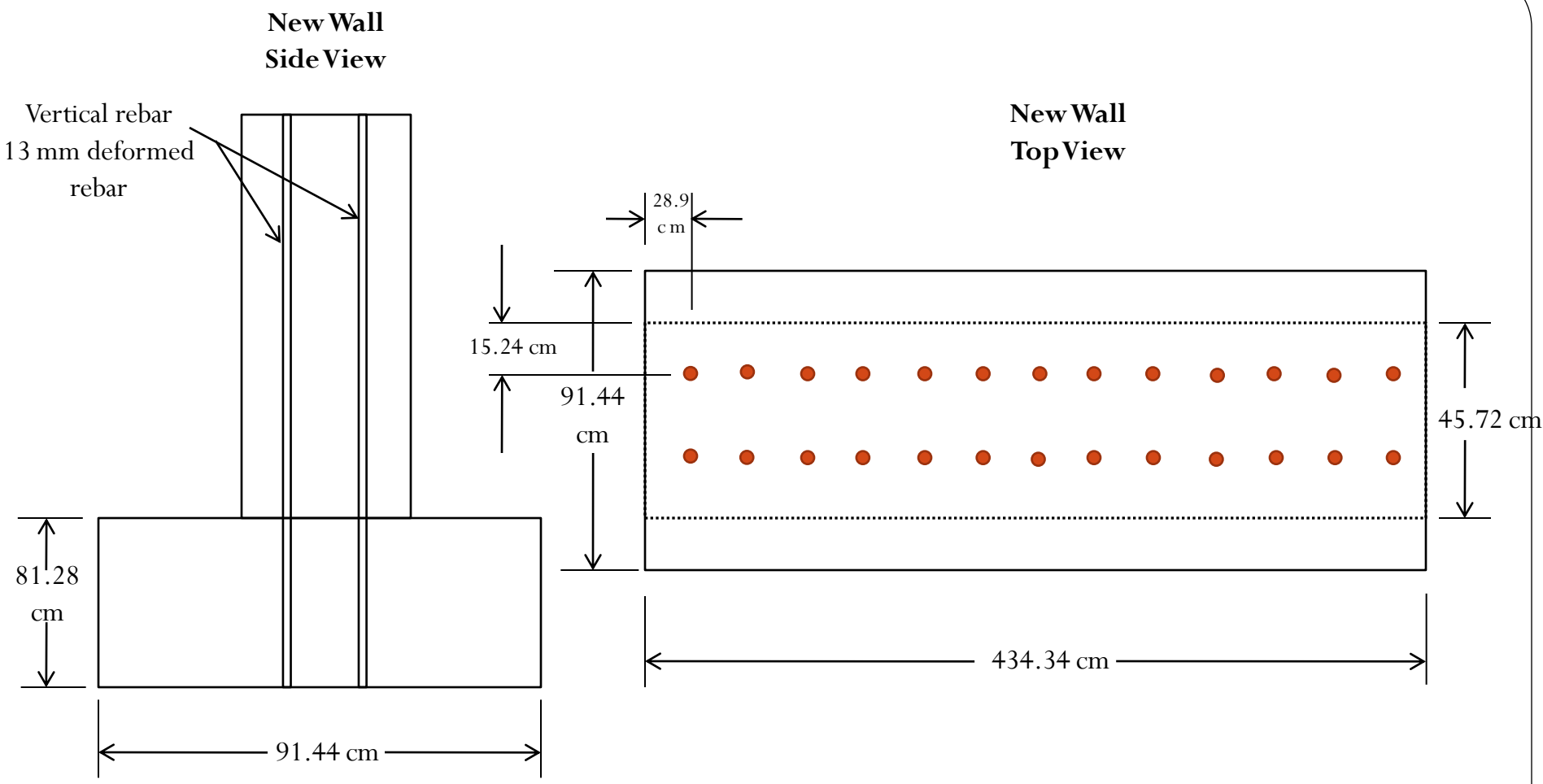

Install new wall as shown below. Top side of new wall will be completely level
434.34 cm
132.08 cm
Install new concrete pillar block
Remove concrete crown and level existing block

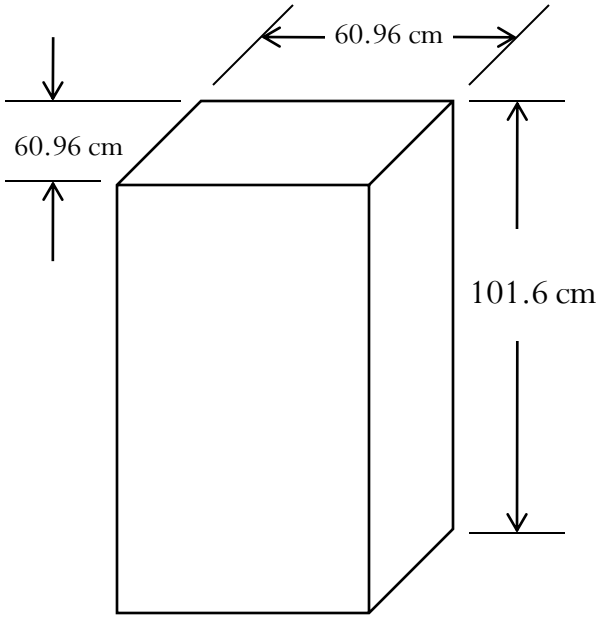

Install new wall as shown below. Top side of new wall will be completely level
Install a total of three storm drains. One additional storm drain not shown to far right side of wall.
Remove concrete crown. Level existing block


Install new stop light mounted on top of new block
Traffic light PVC to Hydraulic Pumping Unit


Compound Electric Swing Gate
Drain
Not a true representation of the PVC requirements.
New Wall
NEW HPU
New corner block
Access Holes
Old Guard Post
Pressure lines
Limit switch
Traffic light
Sensors
Basic Layout

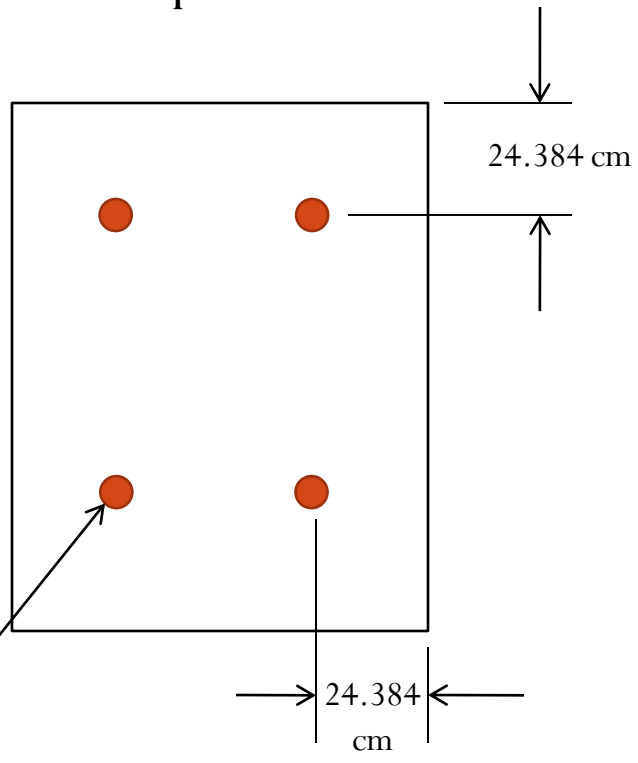

Wall
22.86 cm
22.86 cm
Soil
Footing
Soil
91.44 cm


New Wall
Side View
Vertical rebar
13 mm deformed
rebar
81.28
cm
91.44 cm
New Wall
Top View
28.9
cm
15.24 cm
91.44
cm
45.72 cm
434.34 cm

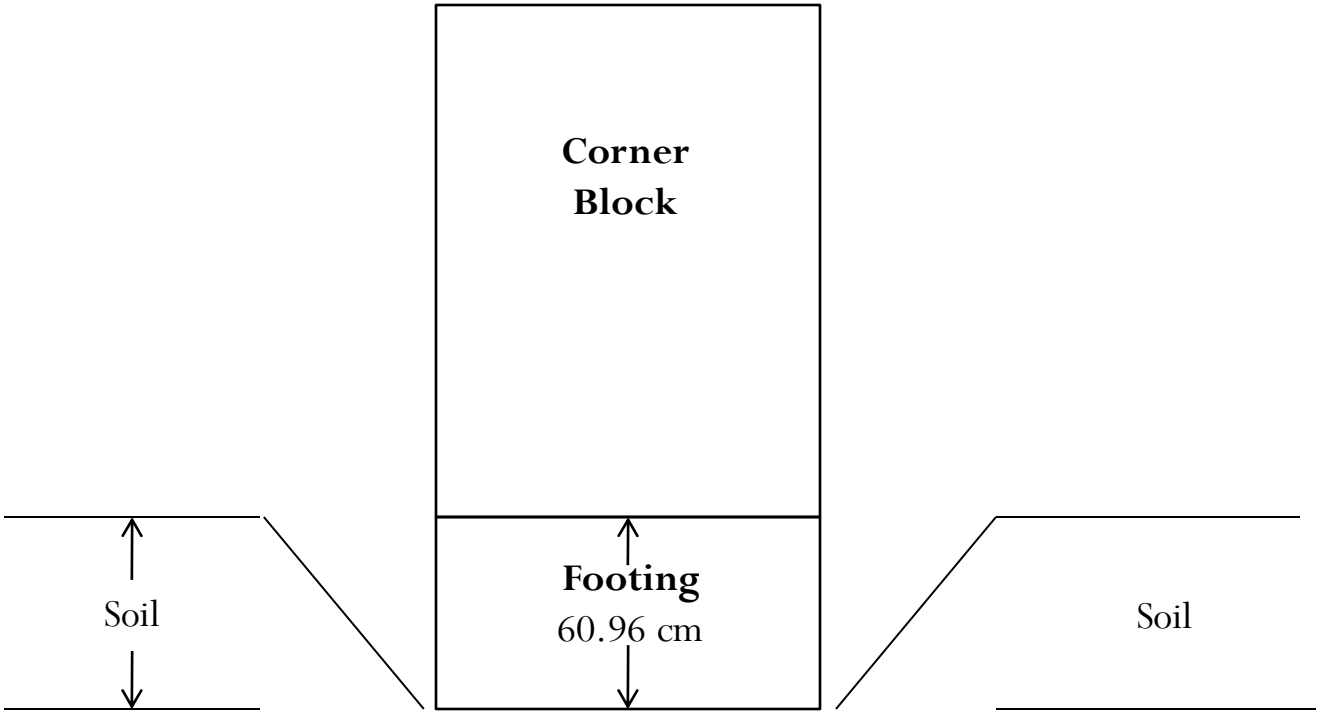


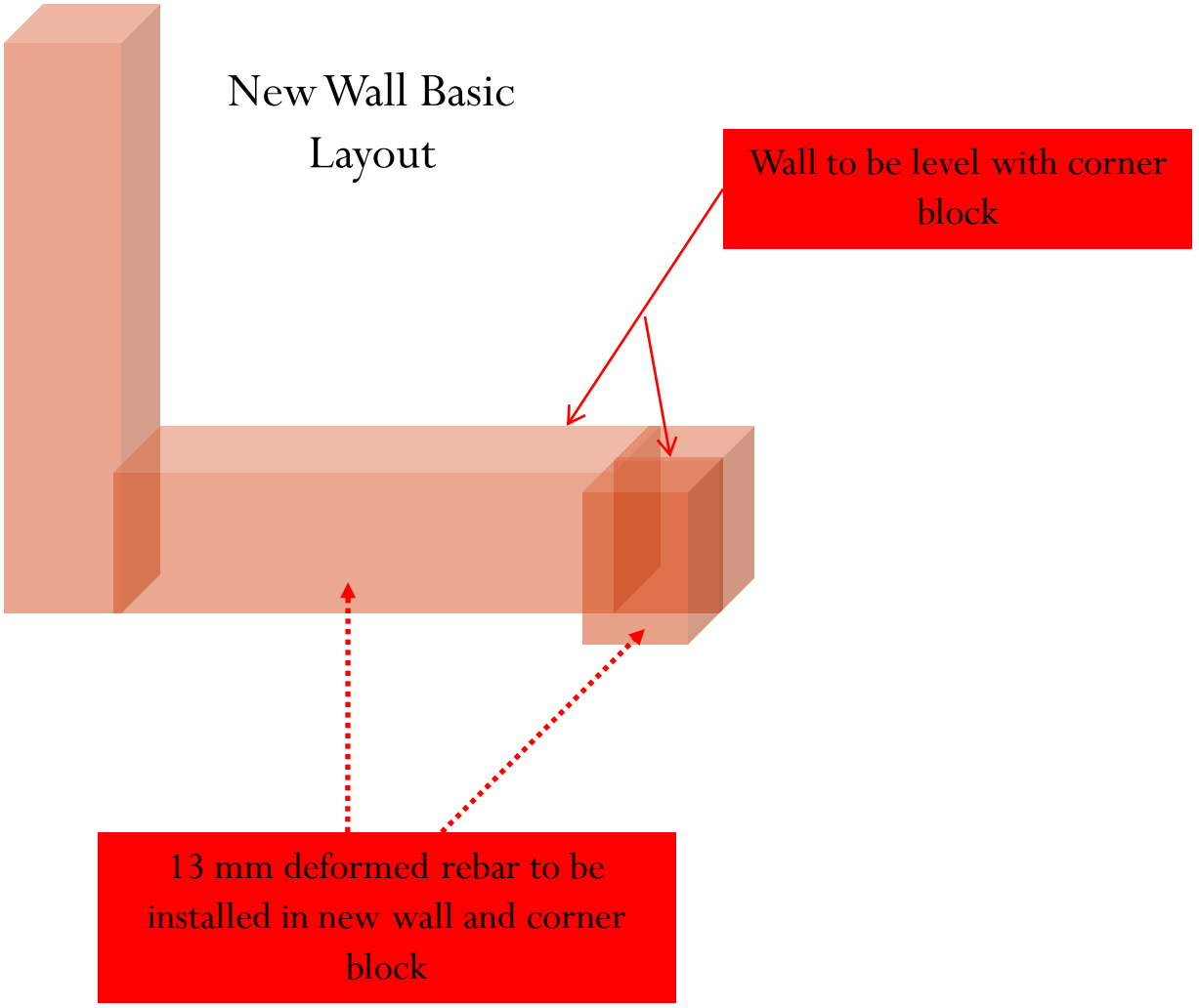
Corner Block

Corner Block
Top View



Vertical Rebar
13 mm
deformed rebar


Corner
Block
Soil
Footing
60.96 cm
Soil


New Wall Basic Layout
Wall to be level with corner block
13 mm deformed rebar to be installed in new wall and corner block